

Please type a plus sign (+) inside this box ►



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

<i>Attorney Docket No.</i>	TI-36083
<i>First Inventor</i>	Jaehoon Heo
<i>Title</i>	Method and Apparatus for Efficient Conversion of Signals Using Look-Up Table
<i>Express Mail Label No.</i>	ER439208838US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

**Commissioner for Patents
Mail Stop: Patent Application
P.O. Box 1450, Alexandria, VA 22313-1450**

1. **X** Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. **X** Specification [*Total Pages*]
(preferred arrangement set forth below)

 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure

1 Total Pages

17

7. CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)

8. Nucleotide and/or Amino Acid Sequence Submission
(If applicable, all necessary)

a. Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. CD-ROM or CD-R (2 copies), or

ii. paper

c. Statements verifying identity of above co

ACCOMPANYING APPLICATION PARTS

- | | | |
|------------------------|---|----------------|
| 4. | <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) | [Total Sheets |
| 5. Oath or Declaration | | [Total Pages |
| a. | <input checked="" type="checkbox"/> Newly Executed (original or copy) | |
| | Copy from a prior application (37 CFR 1.63(d)) | |

4

2

9. Assignment Papers (cover sheet & documents(s))

10. 37 CFR 3.73(b) Statement
(when there is an assignee) Power of Attorney

11. English Translation Document *(if applicable)*

12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations

13. Preliminary Amendment

14. Return Receipt Postcards (MPEP 503)
(Should be specifically itemized)

15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i).
Applicant must attach form PTO/SB/35 or its equivalent.

17. Other Certificate of Mailing

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP)

of prior application No: /

Prior application information: **Examiner:**

Group / Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

X Customer Number or Bar Code Label		23494 (Insert Customer No. or Attach bar code label here)	or <input type="checkbox"/> Correspondence address below
NAME	Robert D. Marshall, Jr.		
ADDRESS			
CITY	STATE	ZIP CODE	
COUNTRY	TELEPHONE	(972) 917-5290	FAX (972)-917-4418
Name (Print/Type)	Indranil Chowdhury	Registration No. (Attorney/Agent)	47,490
Signature	Indranil Chowdhury	Date	8-Mar-04

This collection of information is required by 27 CFR 1.52(h). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

The PTO did not receive the following listed item(s) Certificate of mailing

FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

Express Mailing Label No.: ER439208838US

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)

Complete If Known

Application Number	
Filing Date	8-Mar-04
First Named Inventor	Jaehoon Heo
Examiner Name	
Art Unit	
Attorney Docket No.	TI-36083

METHOD OF PAYMENT

 Check Credit Card Money Order Other
 Deposit Account
Deposit
Account
Number

20-0668

Deposit
Account
Name

Texas Instruments Incorporated

 Charge fee(s) indicated below Credit any overpayments
 Charge Any Additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Entity Fee (\$)	Small Entity Fee Code (\$)	Entity Fee (\$)	Fee Description	Fee Paid
1001	770	201	355	Utility filing fee	\$770
1002	340	206	160	Design filing fee	
1003	530	207	245	Plant filing fee	
1004	770	208	355	Reissue filing fee	
1005	160	214	75	Provisional filing fee	
SUBTOTAL (1)				(\$)	770

2. EXTRA CLAIM FEES

Total Claims	Extra Claims		Fee from below	Fee Paid
	Independent Claims	Multiple Dependent		
	22	-20** =	2	x 18 = \$36
	5	-3** =	2	x 86 = \$172
			290	=

Large Entity Fee Code (\$)	Entity Fee (\$)	Small Entity Fee Code (\$)	Entity Fee (\$)	Fee Description
1202	18	203	9	Claims in excess of 20
1201	88	202	40	Independent claims in excess of 3
1203	290	204	135	Multiple dependent claim, if not paid
1204	88	209	40	**Reissue independent claims over original patent
1205	18	210	9	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)				(\$) 208

*or number previously paid, if greater; For Reissue, see above

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Entity Fee (\$)	Small Entity Fee Code (\$)	Entity Fee (\$)	Fee Description	Fee Paid
1051	130	205	65	Surcharge - late filing fee of oath	
1052	50	227	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	139	130	Non-English specification	
1812	2,520	147	2,520	For filing a request for ex parte reexamination	
1804	920*	112	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
1251	110	215	55	Extension for reply within first month	
1252	420	216	195	Extension for reply within second month	
1253	950	217	445	Extension for reply within third month	
1254	1,480	218	695	Extension for reply within fourth month	
1255	2,010	228	945	Extension for reply within fifth month	
1401	330	219	155	Notice of Appeal	
1402	330	220	155	Filing a brief in support of an appeal	
1403	290	221	135	Request for oral hearing	
1451	1,510	138	1,510	Petition to institute a public use proceeding	
1452	110	240	55	Petition to revive - unavoidable	
1453	1,330	241	620	Petition to revive - unintentional	
1501	1,330	242	620	Utility issue fee (or reissue)	
1502	480	243	220	Design issue fee	
1503	640	244	300	Plant issue fee	
1460	130	122	130	Petitions to the Commissioner	
1807	50	123	130	Petitions related to Prov'l Apps (Proc. Fee under 37 CFR 1.17(q))	
1806	180	126	180	Submission of Information Disclosure Stmt	
8021	40	581	40	Recording each patent assignment per property (times no. of properties)	
1809	770	246	355	Filing a submission after final rejection (37 CFR §1.129(a))	
1810	770	249	355	For each additional invention to be examined (37 CFR §1.129(b))	
1801	770	279	355	Request for Continued Examination (RCE)	
1802	900	169	900	Request for expedited examination of a design application	
Other fee (specify)					

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 978

SUBMITTED BY	Complete (if applicable)			
Name (Print/Type)	Indranil Chowdhury	Registration No. (Attorney/Agent)	47,490	Telephone (281) 980-0259
Signature	Indranil Chowdhury		Date	8-Mar-04

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.